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No. 28]

नई दिल्ली, शनिवार, जुलाई 13, 1974 (आषाढ़ 22, 1896)

No. 28]

NEW DELHI, SATURDAY, JULY 13, 1974 (ASADHA 22, 1896)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

(Separate paging is given to this Part in order that it may be filed as a separate compilation).

भाग III—खण्ड 2

PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और सूचनाएं।

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 13th July 1974

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

22nd June 1974

1384/Cal/74. Girling Limited. Improvements in or relating to filler caps. (July 12, 1973).

1385/Cal/74. AE & CI Limited. Improvements in the manufacture of safety fuse.

1386/Cal/74. Imperial Chemical Industries Limited. Cyclopentane derivatives. (July 11, 1973).

1387/Cal/74. Pfizer Inc. Process for preparing 1-phenyl-4-triazene-3, 5(2+1, 4+1) diones and derivatives thereof and composition containing said compounds. (September 7, 1971). [Divisional Date October 6, 1971].

1388/Cal/74. The Bauer Bros. Co. Low profile static screen.

1389/Cal/74. Joseph Lucas (Industries) Limited. Control circuits for electrically driven vehicles. (June 30, 1973).

1390/Cal/74. Greaves Foseco Limited. Improvements in or relating to desulphurisation of hot metals.

1391/Cal/Skoda, oborovy podnik. Method of lining of end plain bearings.

24th June 1974

1392/Cal/74. Union Carbide Corporation. Electrolytic process for the recovery of metals from sulfides.

1393/Cal/74. Westrex Company Limited. Improvements in or relating to mechanical drive arrangements. (June 25, 1973).

1394/Cal 74. Westrex Company Limited. Improvements in or relating to cinematograph film transport mechanisms. (June 25, 1973).

1395/Cal/74. Westrex Company Limited. Improvements in or relating to cinematograph projectors. (June 25, 1974).

1396/Cal/74. W. D. Steadman. Link-mate draw bar trailer. (June 26, 1973).

1397/Cal/74. W. D. Steadman. Segmental trailer. (June 27, 1973).

1398/Cal/74. Dash Fasteners (Private) Limited. Improvements in or relating to expansion fasteners externally threaded expandable studs.

1399/Cal/74. P. C. Kapur and P. Venkateswarlu. An improved method for manufacture of precast lightweight concrete.

1400/Cal/74. Jugal Kumar Paul. A respirator.

1401/Cal/74. Jugal Kumar Paul. A volume ventilator.

1402/Cal/74. Sandoz Ltd. Improvements in or relating to organic compounds. (June 26, 1973).

25th June 1974

1403/Cal/74. M/s. Mining and Allied Machinery Corporation Limited. A fabricated body coal drill with duct type ventilation.

1404/Cal/74. Sherritt Gordon Mines Limited. Treatment of nickel-bearing ammonium carbonate leach liquors. (July 5, 1973).

1405/Cal/74. Vereinigte Österreichische Eisen- und Stahlwerk-Alpine Montan Aktiengesellschaft. Improvements in or relating to a tiltable converter.

1406/Cal/74. Tokyo Tanabe Company, Limited. Process for preparing β -galactosidase.

1407/Cal/74. Girling Limited. Improvements relating to shoe drum brakes. (July 5, 1973).

1408/Cal/74. Sherritt Gordon Mines Limited. Process for treating high magnesium nickeliferous laterites and garnierites. (July 11, 1973).

1409/Cal/74. The Lucas Electrical Company Limited. Radiation-sensitive switching circuits. (July 12, 1973).

1410/Cal/74. Westinghouse Electric Corporation. Method and apparatus for determining direction of operation in a vehicle control system.

1411/Cal/74. Westinghouse Electric Corporation. High voltage insulated electrical conductor.

1412/Cal/74. Vetrocote Cokapuania S.p.A., G. Giannarco and P. Giannareo. Process for regenerating absorbent solutions used for removing gaseous impurities from gaseous mixtures by stripping with steam.

1413/Cal/74. Robert Bosch GmbH. Process for producing an activated sintered α -alumina.

1414/Cal/74. Stein Surface. Vertical water tubes.

26th June 1974

1415/Cal/74. The Lucas Electrical Company Limited. Radiation-sensitive switching circuits. (July 12, 1973).

1416/Cal/74. The Lucas Electrical Company Limited. Method of manufacturing stator assemblies for dynamo electric machines. (July 23, 1973).

1417/Cal/74. Simon-Carves Limited. Improvements in or relating to charging machines. (July 9, 1973).

1418/Cal/74. Simon-Carves Limited. Improvements in or relating to discharge from hoppers. (July 20, 1973).

1419/Cal/74. The Regents of the University of California. N-aminosulfenylated derivatives of carbofuran.

1420/Cal/74. The West Company. Primary nuer assembly. [Divisional date May 31, 1972].

1421/Cal/74. Girling Limited. Improvements in or relating to control valves. (July 16, 1973).

1422/Cal/74. Rec Corporation. A method of etching silicon oxide to produce a tapered edge thereon.

1423/Cal/74. S. C. Kapoor. A device adapted to be connected to a load and capable of disconnecting the load from a power source. [Divisional date December 13, 1972].

1424/Cal/74. The Chief Controller Research & Development, Ministry of Defence, Government of India, New Delhi (India). Process for the preparation of graft copolymer used as binder.

1425/Cal/74. V. S. Satyanarayana and Ronson Industrial Engineers Pvt. Ltd. An electrical plug.

1426/Cal/74. V. Seshamani. An exhaust adapted to be used with a vehicle.

1427/Cal/74. Gosudarstvenny Nauchno-Issledovatel'sky Institut Teploenergeticheskogo Priborostroeniia. Pneumatic sensor of thermotechnical parameter.

1428/Cal/74. I. Chaliha. A wire take-up assembly.

27th June 1974

1429/Cal/74. S. A. S. Padam and S. I. S. Padam. A petrol saving device for automobile vehicles.

1430/Cal/74. Westinghouse Electric Corporation. Damper winding for turbine generator Motor.

1431/Cal/74. Westinghouse Electric Corporation. Electrical insulator with improved performance in contaminated atmospheres.

1432/Cal/74. Union Carbide Corporation. The use of CO_2 in argon-oxygen refining of molten metal.

1433/Cal/74. Rhone-Poulenc S. A. Process for the preparation of 3-(O, O-diethyldithio-phosphorylmethyl)-6-chloro benzoxazolone.

1434/Cal/74. Societe D'Etudes De Machines Thermiques. Improvements in or relating to a method and means for conditioning the intake air of a supercharged, low-compression ratio diesel engine.

1435/Cal/74. Bayer Aktiengesellschaft. Process for forming crude organic pigments.

1436/Cal/74. Colgate-Palmolive Company. Liquid abrasive compositions. (July 6, 1973).

1437/Cal/74. Cincinnati Milacron Chemicals, Inc. Stabilised synthetic polymers. [Divisional date August 11, 1972].

1438/Cal/74. Syntex (U.S.A.) Inc. 1,5(6)-disubstituted benzimidazole-2-carbamate derivatives having anthelmintic activity. [Addition to No. 2692/Cal/73].

1439/Cal/74. Zellweger Ltd. Method of and apparatus for increasing the long-term stability of a measuring element of textile testers.

1440/Cal/74. G. Mercier and J. Mercier. Improvements relating to machines for splitting skins, hides and the like products.

1441/Cal/74. Hooker Chemicals & Plastics Corporation. Process and apparatus for electrolysis.

1442/Cal/74. The Director, Indian Agricultural Research Institute, New Delhi-110012, India. Improvements in or relating to preparation of α -substituted 3,4-methylenedioxycinnamoyl derivatives as synergists for pyrethroids.

28th June 1974

1443/Cal/74. Deepak Kumar Dasgupta. Rotary valve engine.

1444/Cal/74. Harbans Lal Malhotra & Sons Private Limited. An improved razor blade.

1445/Cal/74. Butane Match Enterprises, Ltd. Lighter construction.

1446/Cal/74. J. F. Rioux, G. Turp and F. Jacques. Instrument for laparoscopic tubal cauterization. (July 4, 1973).

1447/Cal/74. Gulf Oil Corporation. Dual temperature coal solvation process.

1448/Cal/74. Gulf Oil Corporation. Solvent refined coal process including recycle of coal minerals.

1449/Cal/74. Pilkington Brothers Limited. Improvements relating to coating compositions for glass fibres. (July 3, 1973).

1450/Cal/74. J. N. Singh. Rolopan multipurpose pvc panels.

1451/Cal/74. J. N. Singh. Fixopan multipurpose pvc panels.

1452/Cal/74. R. K. Suri. Modern exercising device for height increasing.

1453/Cal/74. D. N. Kathuria. Room heater.

1454/Cal/74. Indoo Parkash Mukerji Instant cooking spices.

1455/Cal/74. A. Toshniwal and Mrs. Asha Kela. BMR calculator.

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE (BOMBAY BRANCH)

14th June 1974

225/Bom/74 Ciba-Geigy of India Limited. New styryl dyestuffs and process for their manufacture.

226/Bom/74. P. A. Dunbar. A mechanism and method to fill bags with hot semi-fluid liquifiable material.

19th June 1974

227/Bom/74. R. S. Patwardhan. An automatic lock for automobiles.

228/Bom/74. M. D. Mehta. Oscillating piston type I.C. engine.

229/Bom/74. M. D. Mehta. Single cycle I.C. engine.

230/Bom/74. R. L. Nagle. Triangular shaving blade.

231/Bom/74. G. R. Thakre. Detachable scooter hood-cum-carrier.

232/Bom/74. G. R. Thakre. Water lifting device for air-coolers.

21st June 1974

233/Bom/74. The Director, Central Water and Power Research Station, P.O. Khadakwasla Research Station, Poona-24, Maharashtra State, India. A water surface follower.

234/Bom/74. The Director, Central Water and Power Research Station, P.O. Khadakwasla Research Station, Poona-24, Maharashtra State, India. A water level monitor.

235/Bom/74. The Director, Central Water and Power Research Station, P.O. Khadakwasla Research Station, Poona-24, Maharashtra State, India. A wave height measuring device.

236/Bom/74. The Director, Central Water and Power Research Station, P.O. Khadakwasla Research Station, Poona-24, Maharashtra State, India. A telemetry device.

237/Bom/74. B. H. Bachkaniwala. Improvements in or relating to spindle assembly for winding machines used in textiles industry.

24th June 1974.

238/Bom/74. Mrs. Shanta Priyal Kulkarni. Tools for repairing thermoplastic articles.

239/Bom/74. The Director, Central Water and Power Research Station, P.O. Khadakwasla Research Station, Poona-24, Maharashtra State, India. A sensor for measuring the rate of flow of a liquid or gaseous media.

240/Bom/74. The Director, Central Water and Power Research Station, P.O. Khadakwasla Research Station, Poona-24, Maharashtra State, India. An analogue currentmeter.

241/Bom/74. The Director, Central Water and Power Research Station, P.O. Khadakwasla Research Station, Poona-24, Maharashtra State, India. A device adapted to measure the pressure of fluids.

242/Bom/74. The Director, Central Water and Power Research Station, P.O. Khadakwasla Research Station, Poona-24, Maharashtra State, India. A device adapted to measure the temperature of a liquiduous or gaseous media.

243/Bom/74. The Director, Central Water and Power Research Station, P.O. Khadakwasla Research Station, Poona-24, Maharashtra State, India. A device for measurement of speed or flow rate of water.

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE (MADRAS BRANCH)

12th June 1974

102/Mas/74. T. Venkatachalam. Utilising steam for operating sprayer.

13th June 1974

103/Mas/74. A. J. Loganathan. A device for preparing and supplying a mixture of diesel oil, petrol and water as fuel to an internal combustion engine and a method of preparing such mixture.

104/Mas/74. N. N. Murli. A device and a process for production of hydrogen and oxygen gases from the water content of certain solutions by self-sustained ionic interactions.

105/Mas/74. B. V. Patankar. Improved electric dry cell battery.

106/Mas/74. D. V. Sridharan. A device for use as a typewriter or like machine.

ALTERATION OF DATE

93417. The claim to convention date April 23, 1963 has been abandoned and the application dated as of April 22, 1964, the date of filing in India.

114114. Ante-dated to April 27, 1966.

122249. Ante-dated to November 6, 1967.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32F1+F2b.

90039.

PROCESS FOR THE PREPARATION OF NOVEL HETEROCYCLIC AMIDES.

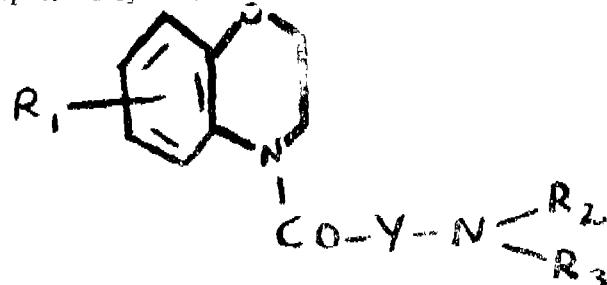
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 90039 filed September 27, 1963.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

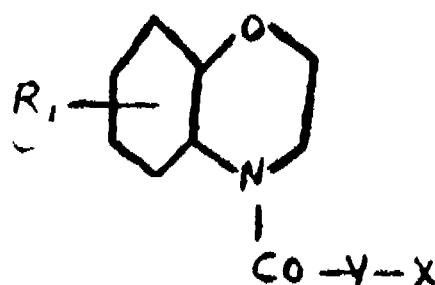
4 Claims.

A process for the preparation of novel heterocyclic amides represented by the formula



wherein R₁ is hydrogen or lower alkyl or alkoxy group, Y stands for a straight or branched alkylene chain of not more than 4 carbon atoms, R₂ and R₃ represent dialkylamino group having similar or dissimilar alkyl group or heterocyclic group such as morpholino, piperidino, pyrrolidino, piperazine, piperolino groups or an aromatic group which may or may not further carry substituents such as lower alkyl or alkoxy or halogen groups,

comprising heating a compound of the formula



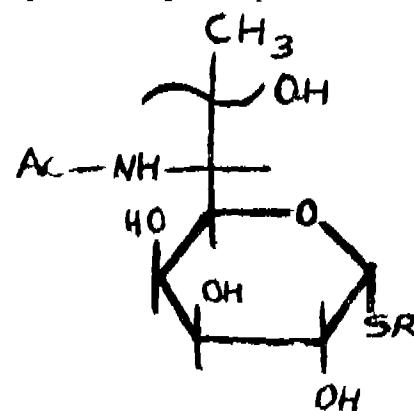
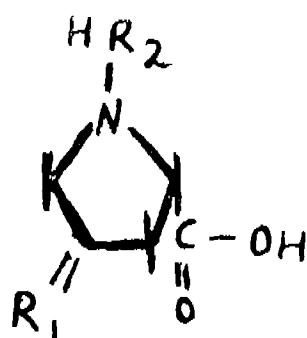
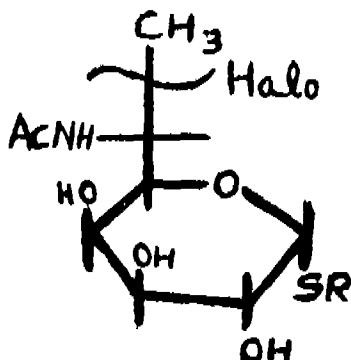
wherein R₁ and Y have the same meaning as described above and X represents chlorine with the desired dialkyl amine or a heterocyclic group or an aromatic group represented by R₂

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

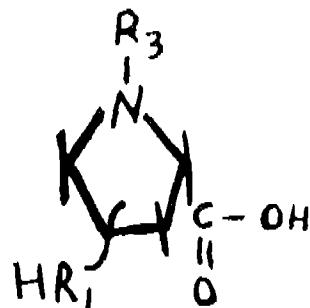
which comprises reacting a compound of the formula

2 Claims.

A process for preparing compounds of the general formula



with Rydon reagent at a temperature effective to replace the 7-hydroxy group with halogen, wherein R is alkyl of not more than 20 carbon atoms and Ac is the acyl radical of a 4-substituted-L-2-pyrrolidinecarboxylic acid selected from the group consisting of the compound of the formula



wherein R₁ and R₂ are selected from the group consisting of alkylidene of not more than 20 carbon atoms, cycloalkylidene of from 3 to not more than 8 carbon atoms, and aralkylidene of not more than 12 carbon atoms; and R₃ is selected from the group consisting of hydrogen and HR₂.

CLASS 32F1+F3a+F3d & 55E4. 106845.

PREPARATION OF STEROIDAL HEMITHIOKETALS AND THEIR ENOL ETHERS

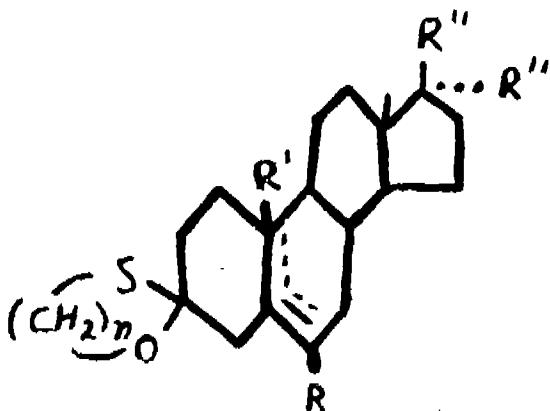
ORTHO PHARMACEUTICAL CORPORATION, AT RARITAN, NEW JERSEY, U.S.A.

Application No. 106845 filed August 30, 1966.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A process for preparing a pregnene compound or a mixture of pregnene compounds having the formula



wherein R is hydrogen, methyl, fluoro or chloro, R' is hydrogen or methyl, R'' is hydroxy, acetyl or acetoxy, R''' is hydrogen, lower alkyl of from 1 to 8 carbon atoms, lower

acyloxy of from 1 to 8 carbon atoms or $-\text{C} \equiv \text{C}_x$, wherein X is hydrogen, chloro or lower alkyl from 1 to 8 carbon atoms and n is 2 or 3, there being a double bond either in the 5(6) position or the 5(10) position, there being no R' substituent in the latter event, characterized by reacting the corresponding 4-en-3-one compound in which the 5(6) and 5(10) positions are saturated, with β -mercaptoethanol or α -mercaptopropanol in the presence of an acid catalyst, whereafter, if desired, the hemithioketals thus obtained are cleaved by known method to their respective thionol ethers.

CLASS 32F1. 108196.

A PROCESS FOR THE PREPARATION OF 5-HALOBENZOIC ACID ESTER DERIVATIVES.

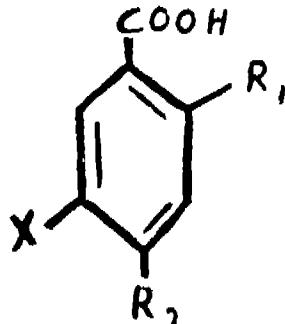
SOCIETE D'ETUDES SCIENTIFIQUES ET INDUSTRIELLES DE L'ILE-DE-FRANCE OF 46, BOULEVARD DE LATOUR-MAUBOURG, PARIS 7E, FRANCE.

Application No. 108196 filed November 29, 1966.

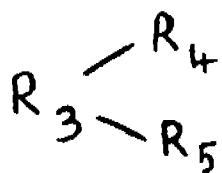
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

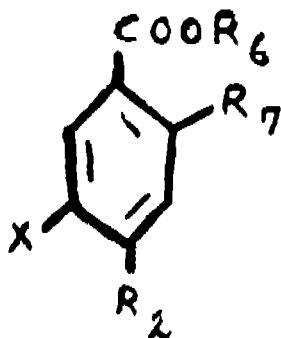
A process for the preparation of 5-halobenzoic acid ester derivatives which is characterized by reacting 5-halobenzoic acid derivatives having the general formula



in which R_1 represents an alkoxy or hydroxy group, R_2 an alkanoylmino, nitro or amino group, and X a halogen atom, with a compound having the general formula



in which R_1 represents an alkylidene group, and R_2 and R_3 in the one hand represents a hydrogen atom, and in the other hand a halogen atom or the group $-SO_2R_6$, in which R_6 represents a hydrogen atom or an alkyl group or the combined group, or the combined group $-N=N-$ to give a 5-halobenzoic acid ester derivatives having the general formula



in which R_6 represents an alkyl group, R_7 an alkoxy group, and R_2 and X have the same significance defined above.

CLASS 11-C & 55E3-I E4+F. 108403.

A METHOD OF PREPARING A COMPOSITION COMPRISING A BIOLOGICALLY ACTIVE SUBSTANCE AND AN AMINOPOLYAMIDE RESIN.

MONSANTO COMPANY, 800 NORTH LINDBERGH BOULEVARD, ST. LOUIS, MISSOURI 63166, U.S.A.

Application No. 108403 filed December 12, 1966.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A method of preparing a composition comprising a biologically active substance as hereindefined at least partially enclosed by an aminopolyamide resin containing 1.5 to 8.5 per cent by weight of amino nitrogen ($-N-$), from 5.5 to 19.5 per cent by weight of amide groups

O
—C—N= and from 79 to 86 per cent by weight of hydrocarbon moiety, provided that when the hydrocarbon content exceeds about 83%, the amine content is greater than about 4.4 per cent by weight which comprises

- (1) melting said resin,
- (2) gradually adding said biologically active substance to the melted resin to form a molten mixture,
- (3) solidifying said mixture,
- (4) grinding the solid mixture, and
- (5) screening the ground mixture to give a product particle size of substantially one to two millimeters in diameter.

CLASS 32F2a & 70b. 108573.

IMPROVEMENTS IN OR RELATING TO THE ELECTRO-CHEMICAL PREPARATION OF PARA AMINOBENZOIC ACID.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAI MARG, NEW DELHI-1, INDIA.

Application No. 108573 filed December 24, 1966.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims—No drawings.

A process for the electrochemical preparation of p-amino-benzoic acid from p-nitrobenzoic acid using a tin or tin plated cathode either stationary or rotating and having a lead anode which has been separated from the cathode by means of a porous diaphragm.

CLASS 32F1+F2a+F2b & 55F4. 109500.

PROCESS FOR THE PREPARATION OF SUBSTITUTED 10-AMINOALKYL-9, 10-DIHYDROANTHRACENES.

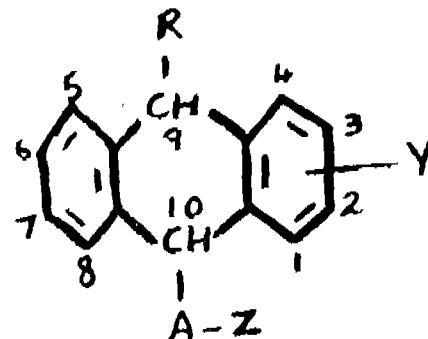
SMITH KLINE & FRENCH LABORATORIES, OF 1500 SPRING GARDEN STREET, CITY OF PHILADELPHIA, COMMONWEALTH OF PENNSYLVANIA, U.S.A.

Application No. 109500 filed February 27, 1967.

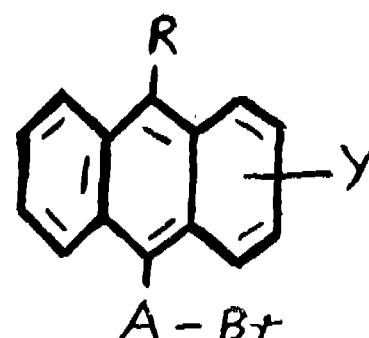
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

The process for the preparation of 10-aminoalkyl-9, 10-dihydroanthracenes of the structural formula



in which R is hydrogen or lower alkyl; Y is halogen having an atomic weight of less than 80, loweralkyl, trifluoromethyl, alkylthio, cyano or N , N -dimethylsulfamyl; A is an alkylene chain of from 2 to 4 carbon atoms; and Z is amino, mono-loweralkylamino, di-loweralkylamino, morpholinyl, thiomorpholinyl, N -pyrrolidinyl, N -piperidinyl, N '-loweralkyl- N -piperazinyl, N '-(w -hydroxy-loweralkyl)- N -piperazinyl, N '(w -hydroxy-alkoxy-loweralkyl)- N -piperazinyl or N '(w -acetoxy-loweralkyl)- N -piperazinyl, which comprises reacting a 10-bromoalkyl-anthracene of the formula



in which R , Y and A are as defined above, with ammonia, a mono-loweralkylamine, a di-loweralkylamine, morpholine, thiomorpholine, pyrrolidine, piperidine, N -loweralkyl piperazine or N '(w -acetoxy-loweralkyl)-piperazine; reducing thus formed 10-aminoalkyl-anthracenes with phosphorus and hydrogen iodide when Y is other than trifluoromethyl and with hydrogen and copper chromite catalyst when Y is trifluoromethyl; hydrolyzing the N '(w -acetoxy-loweralkyl)- N -piperazinyl products thus formed with sodium hydroxide solution to give the corresponding N '(w -hydroxy-loweralkyl)- N -piperazinyl products; further alkylating the N '(w -hydroxy-loweralkyl)- N -piperazinyl products thus formed with an alkylene oxide or alkylene halohydrin to give the corresponding N '(w -hydroxy-alkoxy-loweralkyl)- N -piperazinyl products; and optionally reacting any of the 10-aminoalkyl-9, 10-dihydroanthracenes thus formed with an organic or inorganic acid to give a nontoxic acid addition salt thereof.

CLASS 32-C.

PROCESS FOR PRODUCING PROTEINS BY
FERMENTATIONKYOWA HAKKO KOGYO CO., LTD., OF 4, OHTE-
MACHI-1-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Application No. 112922 filed October 25, 1967.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

18 Claims—No drawings

A process for producing proteins by fermentation which comprises culturing a microorganism as herein defined capable of assimilating hydrocarbons under aerobic conditions in an aqueous nutrient medium containing inorganic salts as herein defined and at least one hydrocarbon as the main carbon source, whereby the proteins accumulate directly in the culture medium, and then isolating and recovering the resultant proteins by a method as herein defined.

CLASS 32F2b & 55E2+E4.

114116.
METHOD FOR THE PRODUCTION OF NEW HETERO-
CYCLIC AMINESPARKE, DAVIS & COMPANY, AT JOSEPH CAMPAU
AVENUE AT THE RIVER, DETROIT, MICHIGAN.
U.S.A.

Application No. 114116 filed January 19, 1968.

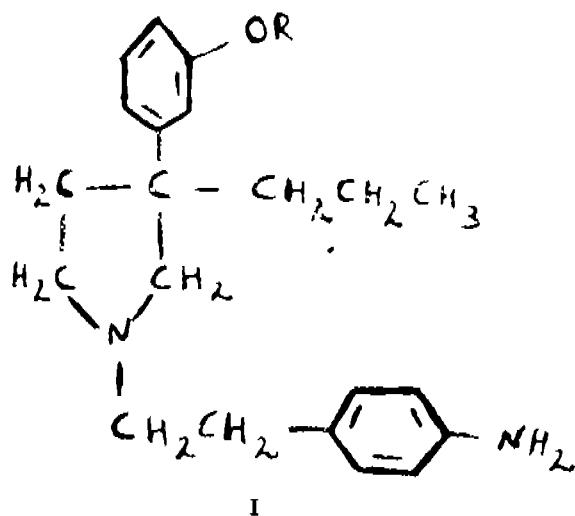
Convention date April 28, 1965 (17974/65) U.K.

Division of Application No. 105030 filed April 27, 1966.

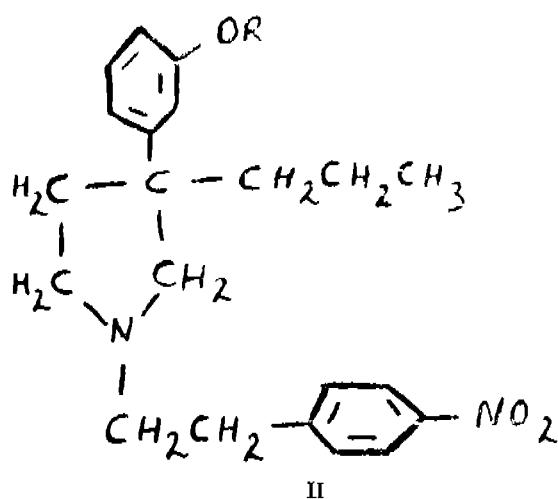
Appropriate office for opposition proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

Process for the production of compounds of the formula



and salts thereof characterized in that a compound having in free base from the formula



is reacted with a reducing agent such as herein described, and the product is isolated in free base or salt form; where R represents hydrogen, lower alkyl, or lower alkanoyl, containing not more than 4 carbon atoms.

CLASS 32F1+F2a+F2a+F2b+F3b & 55E4.

119438

PROCESS FOR THE PRODUCTION OF COUMARIN
DERIVATIVES

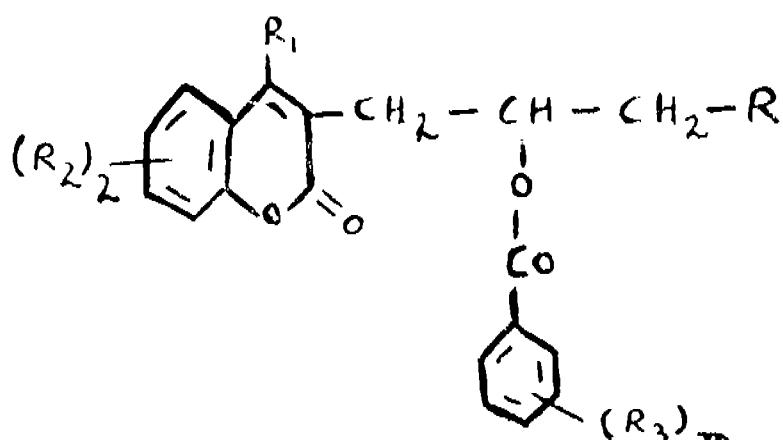
CASSELLA FARBWERKE MAINKUR AKTIENGESELLSCHAFT OF 6 FRANKFURT (MAIN-FECHENHEIN, WEST GERMANY, HANAUERLANDSTRASSE 526.

Application No. 119438 filed January 16, 1969.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

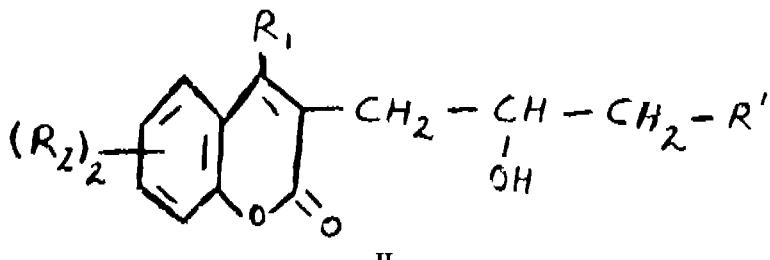
3 Claims

Process for the production of coumarin derivatives of the general formula

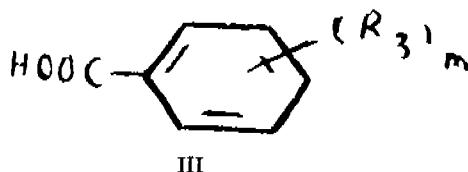


and pharmaceutically acceptable salts thereof wherein R means the radical of an aliphatic, cycloaliphatic, araliphatic, aromatic amine or of a 5 or 6-membered heterocyclic nitrogen base free of acyloxy groups, which is bound *via* a nitrogen atom, R₁ represents a low-molecular alkyl or aryl.

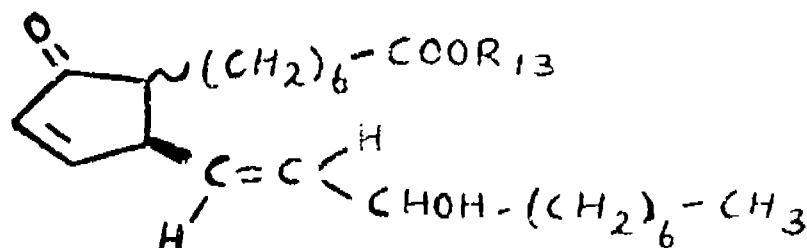
such as herein defined, R₂ stands for 5, 7, 6-7- or 7,8-positioned alkoxy groups, R₃ means alkoxy, m is the integer 1, 2, or 3 which comprises acylating, if desired in the presence of an acid-binding agent, coumarin derivatives of the general formula,



wherein R' means a radical of an aliphatic, cycloaliphatic, araliphatic, aromatic amine or of a 5 or 6-membered nitrogen base free of hydroxy groups, which is bound *via* a nitrogen atom, with an alkoxybenzoic acid having the general formula

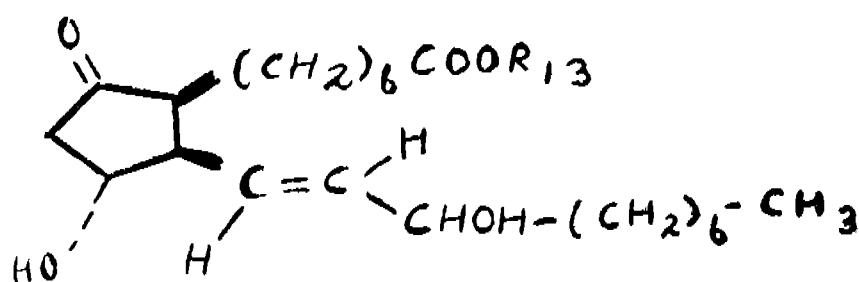


or with a functional derivative thereof and to eliminate by hydrogenation or saponification protective groups in the radical R', if any, which are capable of splitting off and are linked to oxygen or nitrogen atoms.



wherein b is 5 to 7; wherein R₁₃ is hydrogen or alkyl of one to 4 carbon atoms, inclusive or a pharmaceutically acceptable cation and wherein \curvearrowright indicates attachment of the

Group to the ring in alpha or beta configuration, which comprises dehydrating with acid a compound of the formula



wherein R₁₃, b and \curvearrowright are as defined above.

CLASS 32F1+F2b & 55E4.

120719.

PROCESS FOR THE PRODUCTION OF FURAN AND THIOPHEN DERIVATIVES

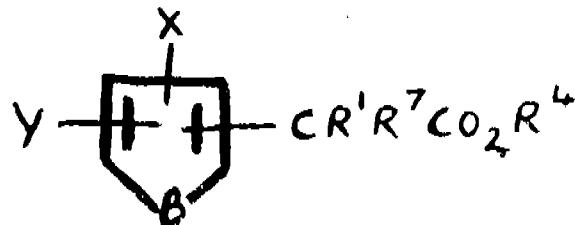
IMPERIAL CHEMICAL INDUSTRIES LIMITED, OF IMPERIAL CHEMICAL HOUSE, MILBANK, LONDON, S.W.1., ENGLAND.

Application No. 120719 filed April 3, 1969.

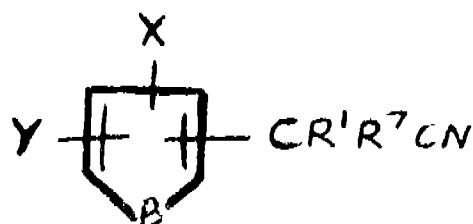
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A process for the manufacture of heterocyclic compounds of the formula



wherein X stands for hydrogen, a methyl or ethyl radical or a chlorine or bromine atom. Y stands for a phenyl radical, optionally substituted by one or two fluorine, chlorine or bromine atoms(s), R¹ stands for hydrogen or a methyl radical, R² stands for hydrogen or a methyl radical, B stands for an oxygen or sulphur atom, and Y and —CR¹R²CO₂H are linked to non-adjacent carbon atoms of the heterocyclic nucleus, and non-toxic pharmaceutically-acceptable salts thereof, which comprises hydrolysing a compound of the formula



wherein B, X, Y, R¹ and R² have the meanings stated above, CY stands for a cyano, carbamoyl, thiocarbamoyl, C₂—C₆ alkoxy carbonyl, benzyloxy carbonyl or phenoxy carbonyl radical, and Y and —CR¹R²CO₂H are linked to non-adjacent carbon atoms of the heterocyclic nucleus.

CLASS 32F3d.

122249.

PROCESS FOR PREPARING 10-HYDROXY-METHYLENE-DES-A-GON-9(11)-EN-5-ONES.

ROUSSEAU-UCLAF, 35 BOULEVARD DES INVALIDES, PARIS 7 EME, FRANCE.

Application No. 122249 filed July 14, 1969.

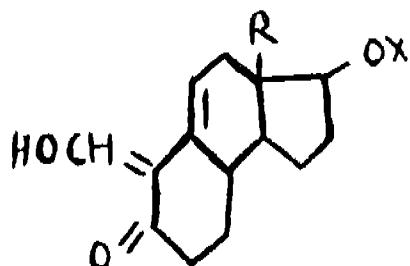
Convention date December 21, 1966 (57102/66) U.K.

Division of Application No. 113057 filed November 6, 1967.

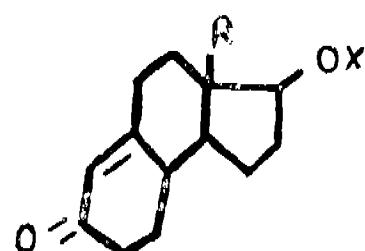
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

Process for preparing 10-hydroxymethylene des-A-gon-9(11)-ene-5-one compounds of general formula



(wherein R and X are as defined hereinbefore) characterized in that a compound of general formula



in which X and R are as defined hereinbefore is subjected to the action of a formylation agent to obtain the desired compound 10-hydroxymethylene des-A-gon-9(11)-ene-5-one.

147GT/74

CLASS 32F1+F2b & 55E4.

122332.

METHOD FOR THE PREPARATION OF AMINOPURINE DERIVATIVES.

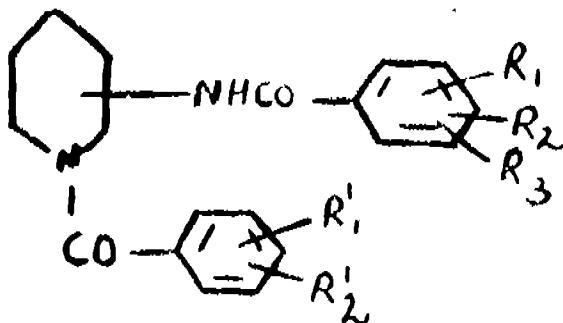
KYORIN SHIYAKU KABUSHIKI KAISHA, OF NO. 5, 2-CHOME, HANADA SURUGADAI, CHIYODA-KU, TOKYO, JAPAN.

Application No. 122332 filed July 17, 1969.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

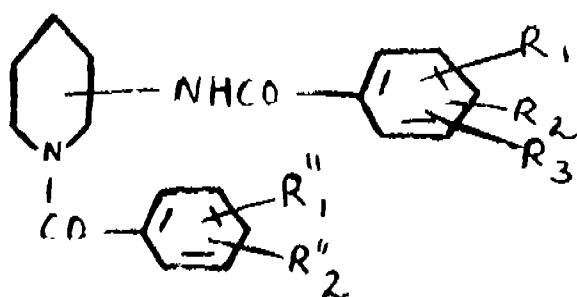
2 Claims

A method for the preparation of a compound of the formula I, shown in Fig. 1.



I

wherein each R₁, R₂, R₃ is hydrogen or an alkoxy radical having from 1 to 4 carbon atoms which can be changed independently and the benzamido radical attached to 2 or 3 or 4-position in the piperidine ring, and R₁ and R₂ are hydrogen or an amino radical and at least one of R'₁ and R'₂ indicates an amino radical; characterised in that a corresponding compound of the formula II shown in Fig. 2.



II

wherein R₁, R₂, R₃ and the position of the benzamido radical are the same as the above mentioned, and R'', and R''₂ are hydrogen or a nitro radical and at least one of R'', and R''₂ indicates a nitro radical the salt thereof; is hydrogenated by hydrogen in the presence of a hydrogenation catalyst, or by nascent hydrogen.

CLASS 32F3d & 55E4.

125206.

PROCESS FOR THE PREPARATION OF 13-POLYCARBONALKYL-18-NORPREGNENES.

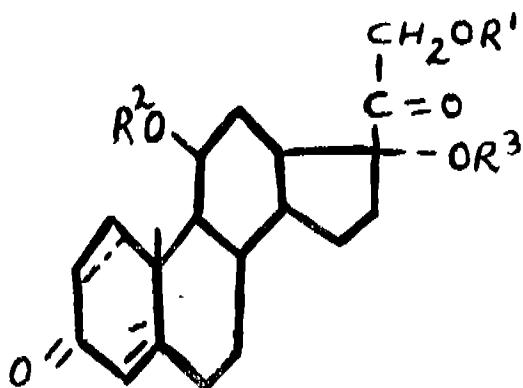
AMERICAN HOME PRODUCTS CORPORATION, OF 685 THIRD AVENUE, NEW YORK, 17, NEW YORK, U.S.A.

Application No. 125206 filed February 9, 1970.

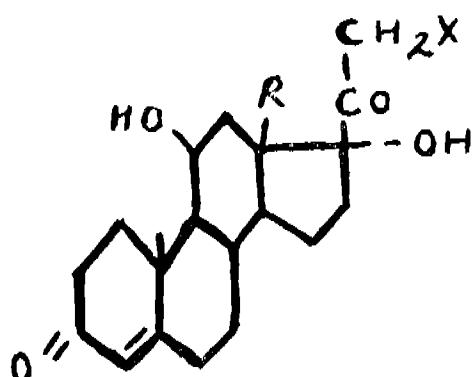
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

33 Claims

A process for preparing a compound of the general formula



wherein R is a polycarbon (lower) alkyl radical R¹, R² and R³ are each hydrogen or lower alkanoyl radicals and the dotted line indicates the presence of an optional double bond in the 1, 2-position which comprises reacting a compound of general formula



wherein X is iodo or bromo and R has the meaning given above, with a (lower) alkanoylizing agent to give a compound of general (I) in which R has the meaning given

above, R¹ is a lower alkanoyl radical, R² and R³ are each hydrogen, and there is a single bond in the 1, 2-position and if desired, carrying out one or more of the known steps of hydrolysis alkanoylation and Δ' -dehydrogenation.

CLASS 55E1.

125476.

PROCESS FOR THE PRODUCTION OF A VACCINE AGAINST FOOT AND MOUTH DISEASE.

INSTITUT MERIEUX, OF 17, RUE BOURGELAT, LYON 2^o, (RHONE), FRANCE.

Application No. 125476 filed February 25, 1970.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims— No drawings

Process for the production of a vaccine against foot and mouth disease which comprises cultivating the virus of foot and mouth disease on glossal epithelia in a first culture medium, separating the first culture medium, adding fresh culture medium to the glossal epithelia, containing the cultivation in the second culture medium, separating the second culture medium, repeating, if desired, the addition of fresh culture medium and cultivation of the virus therein one or more times, and finally inactivating by known methods the cultivated virus in the separated culture media to produce the vaccine.

CLASS 32F3d.

128090

A PROCESS FOR PRODUCING NOVEL ANALOGS OF PROSTAGLANDIN E₁ (PGE₁) F₁ (PGF_α AND PGF_β), A₁ (PGA₁).

THE UPJOHN COMPANY, OF 301 HENRIETTA STREET, KALAMAZOO, MICHIGAN, U.S.A.

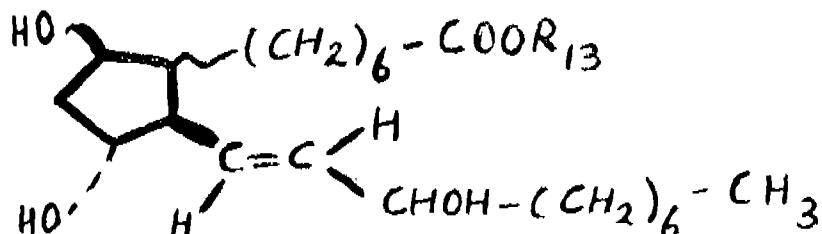
Application No. 128090 filed August 19, 1970.

Division of Application No. 120066 filed February 26, 1969.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

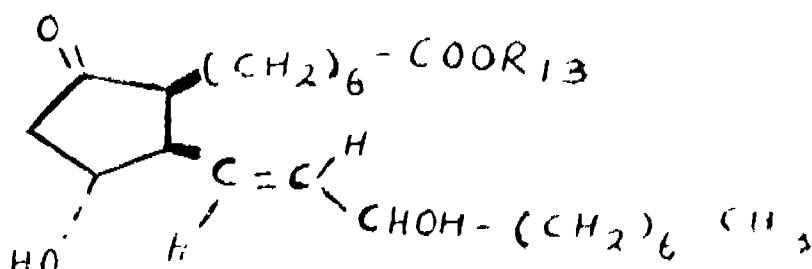
Claim 1

A process for producing a compound of the formula



wherein b is 5-7; wherein R₁₃ is hydrogen or alkyl of one to 4 carbon atoms inclusive or a pharmacologically acceptable cation; and wherein — indicates attachment of the

group to the ring in alpha or beta configuration which comprises reacting a carbonyl reducing reagent with a compound of the formula



wherein b, R₁₃, and — are as defined above,

CLASS 39-J 170B.

134125.

METHOD OF PRODUCING CUBIC BORON NITRIDE.
 VSESOJUZNY NAUCHNO-ISSLEDOVATELSKY INSTITUT ABRAZIVOV I SHLIFOVANIA, BELOOSTROVSKAYA, 17, LENINGRAD, U.S.S.R., AND MOSKOVSKY GOSUDARSTVENNY UNIVERSITET IMENI M. V. LOMONOSOVA, KHMICHESKY FAKULTET, MOSCOW, U.S.S.R.

Application No. 134125 filed December 30, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims—No drawings.

A method of producing cubic boron nitride consisting in that a temperature higher than 1500°C and a pressure higher than 55 kbar are applied to a mixture containing hexagonal boron nitride and an initiator as herein-before defined assisting in the formation of the cubic boron nitride, wherein said initiator is composed of borides, nitrides, sili-

cides, and germanides of transient metals of the IV, V, VI and VIII groups of the Periodic Table and 40 to 2% of said transient metals are taken per 60 to 98% of said initial material.

CLASS 32F1.

133280.

A PROCESS FOR PREPARING SUBSTITUTED IMIDAZOLES.

PFIZER INC., OF 235 EAST 42ND STREET, NEW YORK, NEW YORK, UNITED STATES OF AMERICA.

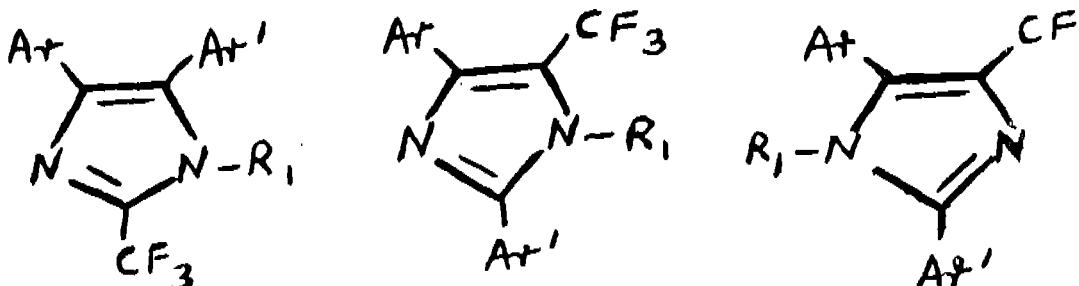
Application No. 133280 filed October 20, 1971.

Convention date April 19, 1971 (25321/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3, Claims.

A process for preparing a compound of the formulae shown in Figure 13, 16 and 17.

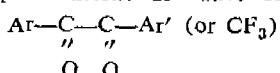


and the pharmaceutically acceptable acid addition salts thereof, wherein :

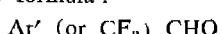
Ar and Ar' are the same or different and are furyl, thienyl, pyridyl, phenyl or substituted phenyl wherein said substituents are fluorine, chlorine, bromine, alkyl, alkoxy or alkylthio, each containing from 1 to 4 carbon atoms and 3, 4-dimethoxy,

R₁ is hydrogen, alkyl containing from 1 to 4 carbon atoms or alkenyl containing from 3 to 4 carbon atoms, characterized by

reacting an alpha diketone derivative of the formula .



with aldehydes of the formula :



wherein Ar and Ar' are as previously defined in the presence of ammonium acetate; and when R₁ is to be other than hydrogen then alkylating any of the above products with an alkyl iodide in the presence of a base.

CLASS 62-C1.

134209.

PROCESS FOR THE MANUFACTURE OF DYE STUFF PREPARATION COMPRISING DISPERSE DYE STUFF AND RESINIC ACID.

FARBWERKE HOECHST AKTIENGESELLSCHAFT VORMALS MEISTER LUCIUS & BRUNING, OF 45, BRUNINGSTRASSE, FRANKFURT/MAIN, FEDERAL REPUBLIC OF GERMANY.

Application No. 134209 filed January 6, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A process for the manufacture of a dyestuff preparation comprising a disperse dyestuff and a natural resinic acid or the acidic modification products thereof as herein described wherein an alkaline solution of the resinic acid or the acidic modification products thereof is added to the disperse dyestuff, and the resinic acid is precipitated on to the dyestuff by addition of an acid.

CLASS 32A1, 62CI & 154H.

134268.

PROCESS FOR THE MANUFACTURE OF AZO DYE STUFFS.

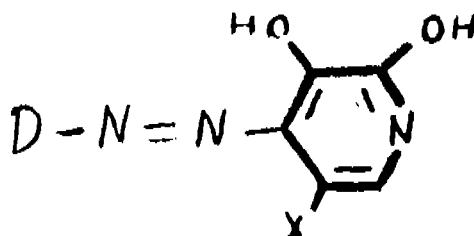
CIBA-GEIGY AG, OF KLYBECKSTRASSE 141, BASLE, SWITZERLAND.

Application No. 134268 filed January 13, 1972.

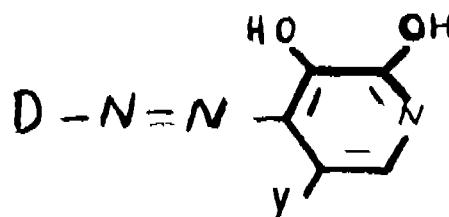
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A process for the manufacture of azo dyestuffs which correspond to the formula 1.



wherein D represents the radical of a diazo component and X represents —SH, alkylmercapto, arylmercapto, a sulfonyl group or —SO₃H, and of heavy metal complexes containing at least one molecule of above formula (1), wherein compounds of the formula 6.



in which D represents the radical of a diazo component and Y represents a halogen atom, are reacted with alkyl- and arylmercaptans, alkali sulphides, alkali sulphites

and alkali sulphinates and optionally the duststuff so obtained is subsequently treated with heavy metal donors and/or with an acyl halide or acid anhydride.

CLASS 25-A.

134327.

METHOD FOR PRODUCTION OF CEMENT CLINKER FROM A SLURRY OF PULVERULOUS MATERIALS.

PREROVSKÉ STROJIRNY, NARODNÍ PODNIK, PRE-
ROV, CZECHOSLOVAKIA.

Application No. 134327 filed January 19, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims—No drawings.

Method for the production of cement clinker by burning raw material such as herein defined in slurry or pulverulous form characterized in that the said raw material is mixed with lime or with lime and water and this mixture is treated in equipments for example in briquettting press to get pellets suitable for burning clinker in a solid aggregate.

CLASS 70-B.

134375.

A PROCESS FOR THE PREPARATION OF INSOLUBLE ANODES FOR ELECTROCHEMICAL PROCESSES.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 134375 filed January 24, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims—No drawings.

A process for the preparation of insoluble anodes for use as anodes in aqueous electrolysis, especially in the electrolysis of saturated brine which consists in using corrosion resistant valve metals as substrate and coating the surface of the substrate by thermally depositing platinum along with traces of an activating element like antimony or bismuth or a combination of platinum group metals such as platinum, iridium, ruthenium, rhodium, osmium, palladium or a combination of oxides of one or more of platinum group metals and a valve metal like titanium, zirconium, niobium, tantalum or tungsten, the deposition being effected by thermal decomposition of a paste or chelate which is a mixture of the platinum group metal compound and the valve metal compound supported in an organic vehicle like ethyl alcohol, isopropyl alcohol or n-Butanol, required to supply the metal or the metal oxide, painted over the polished and acid etched surface of the substrate and fired at temperatures between 300 and 650°C in an atmosphere of either limited supply or forced circulation of air.

CLASS 181.

134482.

VISCOPUMP-BEARING-SEAL, A DEVICE FOR SUPPORTING AXIAL AND RADIAL LOADS AND FOR DYNAMIC SEALING.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 134482 filed February 3, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

Viscopump-bearing-seal, a device for supporting axial and radial loads as well as for providing the dynamic sealing when used as a bearing in rotating machineries, comprises a rotating member in the form of a hollow circular cylinder, a portion of which is tapered on both sides and grooves are cut on the inner and outer tapered surfaces, rotating in a stationary member having a matching groove for accepting the tapered portion of rotating member, the region of matching tapered surfaces of rotating and stationary members is filled with a lubricating fluid whereby on rotation of the rotating member, a load bearing capability develops in radial as well as axial direction on account of pumping action of the said grooves, cut on the said inner and outer tapered

surfaces of the rotating member, on the lubricant, whereby the device when used as a bearing in rotating machineries, during the rotation or the rotating member in the matching groove of the stationary member with lubricant in between the tapered surfaces of the two members, develops equal pressure in the fluid close to the bottom of the inner as well as that of the outer surface or vice-versa of the rotating member and thus provides sealing action during rotation of the device.

CLASS 63F+H & 107J.

134569.

STARTER MOTORS.

JOSEPH LUCAS (INDUSTRIES) LIMITED, OF GREAT KING STREET, BIRMINGHAM 19, ENGLAND.

Application No. 134569 filed February 10, 1972.

Convention date February 19, 1971 (5050/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

56 Claims.

A starter motor, for an internal combustion engine, comprising an electric motor, a shaft rotated by said motor, a pinion gear wheel carried by said shaft, the pinion gear wheel being rotated with the shaft and axially movable relative thereto between an operative position and a rest position, and an electromagnet comprising an armature coupled to the pinion gear wheel and guided for movement parallel to the shaft, first and second electromagnet poles spaced apart around said shaft, the first and second poles being spaced from the armature in the rest position thereof in the direction of movement of the armature, a member magnetically interconnecting the first and second poles, and an electromagnet winding which when energised induces a flow of magnetic flux from the first pole to the armature, within the armature laterally relative to said shaft, from the armature to the second pole, and from the second pole within said member back to the first pole.

CLASS 86-B.

134795.

CHAIR.

JAMES HARDING VOWLES, OF 106 DONLEA DRIVE, TORONTO 17, ONTARIO, CANADA.

Application No. 134795 filed March 2, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A chair adapted to support a person, the chair having a seat, a knee support and a lateral arcuate foot support for supporting both feet of the person and having a width at least about as wide as said knee support and said seat, the seat commencing at a rear edge, sloping generally downwardly and terminating at a front edge spaced apart from the knee support, said foot support extending from a point spaced vertically below the knee support thence extending upwardly and by a second point spaced vertically below the front edge of the seat and continuing upwardly vertically below the seat, the seat and knee and foot supports cooperating with one another so that when the person's posterior rests on the seat and his knees rest on the knee support, the person may shift a portion of his weight unto the knee support so that the weight borne by the person's posterior is reduced and so that the person may freely shift the position of both feet from a position vertically below the knee support to a position vertically below the seat.

CLASS 40-E+H & 88F.

134847.

A PROCESS FOR THE REMOVAL OF HYDROGEN SULPHIDE AND AMMONIA FROM OTHER GASES AND/OR WATER.

RUHRKOHLE AKTIENGESELLSCHAFT, OF RELINGHAUSER STRASSE 1, 43 ESSEN, WEST GERMANY.

Application No. 134847 filed March 6, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A process for the removal of hydrogen sulphide and ammonia from residual gases of chemical or petro-chemical processes as cracked gases and natural gases and/or water which comprises treating the residual gas with a solvent containing an arsenic, antimony or tin compound as catalyst and wherein an ammonium polythionate is formed by reaction of the hydrogen sulphide and ammonia in the presence of said catalyst.

CLASS 136K & 155B.

134971.

METHOD AND APPARATUS FOR THE MANUFACTURE OF CELLULAR MATERIAL FOR CUSHIONING OTHER PURPOSES.

SEALED AIR CORPORATION, OF 19-01 STATE HIGHWAY 208, FAIR LAWN, NEW JERSEY 07410, U.S.A.

Application No. 134971 filed March 17, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

Apparatus for the manufacture of cellular material comprising a frame, a roller carried by said frame, a temperature controlled embossing roller carried by said frame in spaced axial alignment with the first said roller, heating means movable to and from a position in close proximity to at least one of said rollers for heating a thermo-formable film fed over the first said roller and about said embossing roller to emboss said film, a pressure roller in pressure engagement with said embossing roller, means for feeding a second film between said pressure and embossing rollers and in contact with the first said film, at least one of said films including a heat activated adhesive thereon to effect adherence of the two films one to the other to seal the embossments in the first said film.

CLASS 110.

135020.

A SYSTEM FOR CONTROLLING SELECTED ONES OF A PLURALITY OF ELEMENTS SUPPORTED ON A MOVING STRUCTURE AND FOLLOWING A ROUTINE AND SELECT OR SYSTEM FOR ROTARY KNITTING MACHINE.

NORTH AMERICAN ROCKWELL CORPORATION, AT THE NORTH AMERICAN ROCKWELL BUILDING, PITTSBURGH, PENNSYLVANIA, U.S.A.

Application No. 135020 filed March 22, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

23 Claims.

A system for controlling selected ones of a plurality of elements supported on a moving structure and following a routine, said control being in accordance with command signals applied to said system which comprises:

sensor means for sensing the rate of movement of said moving structure, said sensor means providing clock signals representative of said rate of movement;

pulsing means, responsive to said clock signals, for providing phased timing signals; and

control means situated in close proximity to said moving structure for interrupting the routine of selected ones of said elements in response to said command signals and said phased timing signals.

CLASS 98-G.

135029.

A TUBE FOR USE IN HEAT EXCHANGERS.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 135029 filed March 23, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A tube for use in heat exchanger provided with a succession of similar corrugations extending spirally relative to the axis of the tube and distributed along its length, corrugations being provided both on inner and outer surfaces of the tube whereby the heat transfer efficiency of the tube is enhanced as compared with the known tube having corrugations only on the outer surface and extending transversely relative to the axis of the tube.

CLASS 72-B.

135040.

LEAD AXIDE COMPOSITIONS SENSITIVE TO FLAMES BUT INSENSITIVE TO FRICTION.

F. G. KRETSCHMER & CO., OF VADUZ, LIECHTENSTEIN.

Application No. 135040 filed March 23, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A lead azide composition comprising uniformly sized lead azide particles covered uniformly with lead trinitroresorcinate.

CLASS 123.

135074.

IMPROVEMENTS IN OR RELATING TO A GRANULATED, SPRAYED OR PRILLED FERTILISER AND PROCESS FOR PRODUCING THE SAME.

CHEMIE LINZ AKTIENGESELLSCHAFT, FORMERLY KNOWN AS OSTERREICHISCHE STICKSTOFFWERKE AKTIENGESELLSCHAFT, OF ST. PETER 224, LINZ/DONAU, AUSTRIA.

Application No. 135074 filed March 27, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims—No drawings.

A granulated, sprayed or prilled fertiliser of improved storability comprising a predominant proportion of free ammonium nitrate, as herein defined either as ammonium nitrate or calcium ammonium nitrate, containing 0.5 to 10% by weight of a calcium sulphate which contains at least 50% by weight of reactive anhydrite and optionally up to 10% by weight of ammonium sulphate.

CLASS 104E & 205H.

135104.

METHOD OF LAMINATING A REINFORCING ELEMENT HAVING A METAL SURFACE AND RUBBER.

UNIROYAL, INC., OF 1230 AVENUE OF THE AMERICAS, NEW YORK 10023, IN THE COUNTY AND STATE OF NEW YORK, U.S.A.

Application No. 135104 filed March 30, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims—No drawings.

In the method of laminating a reinforcing element having a metal surface and rubber by applying a solid vulcanizable rubber composition to said surface and heating the assembly to vulcanize the rubber, the step characterized by mixing in the rubber composition before vulcanization a halogenated and a condensation reaction product of resorcinol and an aldehyde selected from the group consisting of alkyl aldehydes having 1 to 4 carbon atoms and benzaldehyde.

CLASS 205-H.

135131.

PNEUMATIC TYRES

DUNLOP HOLDINGS LIMITED, FORMERLY KNOWN AS THE DUNLOP COMPANY LIMITED, OF DUNLOP HOUSE RYDER STREET, ST. JAMES'S, LONDON, S.W. 1, ENGLAND.

Application No. 135131 filed April 3, 1972.

Convention date April 7, 1971 (09006/71) U.K.

Addition to No. 115122.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

A pneumatic tyre comprising a tread provided with a plurality of bars each extending substantially from the mid-circumferential plane of the tyre towards at least one shoulder, the outer face, as hereinbefore defined, of each bar having an angle of inclination over a part at least of its length of at least 20° with respect to a radial direction with respect to the tyre and the trailing face of each bar having an angle of inclination over a part at least of its length of 5° to 10° with respect to a radial direction, and an angle of inclination, with respect to a radial direction of at least 15° at the shoulder region of the tread.

CLASS 136E & 151C.

135276.

PROCESS AND APPARATUS FOR MAKING INTERNALLY CALIBRATED PUSH-ON SOCKET ENDS, HAVING A BEADING FOR A SEALING MEDIUM, ON PIPES OF THERMOPLASTIC SYNTHETIC MATERIAL.

ARISTOVOLOS GEORGE PETZETAKIS, OF MOSCHATON/PIRAEUS, GRIECHENLAND THÉSSALONIKI & CHANDRI STRASSE, GREECE.

Application No. 135276 filed April 13, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A process for making at least one internally calibrated socket, having at least one beading for incorporating a sealing means, on a pipe of synthetic thermoplastic material, comprising pushing a thermoplasticized pipe end on to an expander mandrel, displacing a beading tool of yieldable material radially outwardly from a retracted position to an extended position by lateral compression during which movement the thermoplasticized pipe end is shortened axially or jumped-up, starting from its front edge, and at least during this shortening operation applying a vacuum through an extension tube of the mandrel to the inside wall of the thermoplasticized pipe end, at least in the zone of the beading tool, so as to press the walls of the thermoplasticized pipe end onto the expander mandrel and also onto the beading tool and, after cooling the pipe end returning the beading tool to its retracted position, withdrawing the pipe end from the mandrel.

CLASS 6B3 & 42A1+C.

133595.

FILTERING ELEMENTS FOR CIGARETTE FILTERS.

MONSANTO CHEMICALS LIMITED, OF MONSANTO HOUSE, 10-18 VICTORIA STREET, LONDON, S.W.1., ENGLAND.

Application No. 133595 filed November 12, 1971.

Convention date November 18, 1970 (54806/70) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

43 Claims.

A cigarette filter comprising an extruded element of a substantially open-cell foamed thermoplastic high-density polyethylene resin or thermoplastic polypropylene resin having a cross-section corresponding to that of the relevant cigarette and a micro-structure such that the filter has a hardness greater than 50%, a ΔP_{10} less than 15 centimetres water gauge, and a TPM filtration efficiency greater than 20%.

CLASS 80-I.

135901.

IMPROVEMENTS RELATING TO SEPARATING ELEMENTS FOR SEPARATING SOLIDS AND WATER FROM FLUIDS.

FAUDI FEINAU GMBH, OF 637 OBERURSEL/TAUNUS, IM DIEZEN 4, FEDERAL REPUBLIC OF GERMANY.

Application No. 324/72 filed May 26, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

A separating element for use in separating solids and water from fluids which form an emulsion but not a solution with water, comprising a narrow-pored filter layer arranged to be the first layer through which the fluid flows and at least one layer of a narrow-pored non-woven material on top of which one or more layers of a loose wide-pored non-woven material are placed, the narrow-pored filter layer comprising a folded layer of glass-fibre paper and wide-pored reinforcing tissue as well as a non-woven material, and said layers being arranged on a holed cylindrical supporting body.

CLASS 32F2b.

135902.

A PROCESS OF PREPARING 2-(4-MORPHOLINODITHIO)-BENZOTHIAZOLE.

THE GOODYEAR TIRE & RUBBER COMPANY, AT AKRON, OHIO, U.S.A., AND A POST OFFICE ADDRESS AT 1144 EAST MARKET STREET, AKRON, OHIO, U.S.A.

Application No. 812/72 filed July 10, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims—No drawings.

A process of preparing 2-(4-morpholinodithio)-benzothiazole comprising reacting a mixture of morpholine, sulfur, an inert organic solvent and wet 2-mercaptopbenzothiazole in the presence of an aqueous solution of a water soluble oxidizing agent wherein the wet 2-mercaptopbenzothiazole contains 25 to 150 parts by weight of water per 100 parts by weight of 2-mercaptopbenzothiazole with the proviso that the total water content in the morpholine, sulfur, solvent, 2-mercaptopbenzothiazole mixture, does not exceed 150 parts by weight of water per 100 parts by weight of 2-mercaptopbenzothiazole.

CLASS 6B2+B4, 166F & 184.

135903.

DEVICE FOR THE STORAGE AND TRANSPORT OF LIQUEFIED GASES, LIQUIDS AND THE LIKE, IN PARTICULAR ON SHIPS.

LIQUID GAS AND AGENT UNION GMBH, OF BONNER STR. 10, 548 REMAGEN-ROLANDSECK, WEST GERMANY.

Application No. 41/72 filed April 25, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1942) Patent Office, Calcutta.

26 Claims.

Device for the storage and transport of pressureless or pressurised liquids, predominantly liquefied gases, in particular on ships, on tankers or the like, characterised in that the storage unit serving for transport consists of a plurality of longitudinally extending, endsealed, independent and rigidly interconnected containers connected to a common expansion vessel and to a common discharge and filling device functioning in the manner of a large-capacity container.

outside by at least one strip which is attached along one of the slit edges and which has a free longitudinal edge resting against and along the outside of the other slit edge, said strip being at least in the region of the free longitudinal edge, elastically flexible, in such a way that the thread on being threaded in can push it away to the extent of the thread diameter.

CLASS 125B.

APPARATUS FOR AUTOMATIC FILLING OF PRE-DETERMINED QUANTITY OF LIQUID INTO CONTAINERS.

CYANAMID INDIA LIMITED OF NYLOC HOUSE, 254-D2, DR. ANNIE BESANT ROAD, BOMBAY 25 DD, MAHARASHTRA, INDIA.

Application No. 1068/72 filed August 3, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

10 Claims.

An apparatus for automatic filling of predetermined quantity of liquid into containers, comprising a hopper containing the liquid to be filled, one or more cylinder(s), adapted to be fed with the liquid from said hopper through one or more valve(s), one or more piston(s), adapted to be slid in said one or more cylinder(s), the predetermined quantity of the liquid with which said cylinder(s) is (are) to be fed being decided by the adjustable suction stroke length of said piston(s), the movement of said piston(s) in the cylinder(s) being in synchronisation with that of actuating means of said valve(s) such that at the suction stroke of said piston(s) in the cylinder(s) the valve nozzle(s), through which the containers are filled, remain(s) closed, while the passage between the hopper and the cylinder(s) remains open, and at the delivery stroke of the piston(s) in the cylinder(s) the valve(s) act(s) in the reverse order so as to allow the predetermined quantity of the liquid collected in the cylinder(s) at the suction stroke, to flow through the nozzle(s) to the containers, the passage between the hopper and the cylinder(s) remaining closed.

CLASS 62-B & 172B.

135910.

IMPROVEMENTS RELATING TO YARN PACKAGES.
HERBERT ALEXANDER GIRARD, OF 1025 WOODLAND DRIVE, GASTONIA, NORTH CAROLINA, U.S.A.

Application No. 347/72 filed May 29, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

In a method of manufacturing a package of yarn supported by a transfer core, the steps of processing comprising, in sequence : inserting a replacement core into the transfer core; gripping and thereafter pulling the transfer core axially in removing it from between the yarn package and replacement core; holding the the package of yarn stationary during the withdrawal of the transfer core; and permitting the yarn and replacement core to interengage in completing the transfer of the yarn onto the replacement core.

CLASS 32F2b.

135911.

THE PRODUCTION OF 6-AMINOPENICILLANIC ACID.
BAYER AKTIENGESELLSCHAFT, OF LEVERKUSEN,
FEDERAL REPUBLIC OF GERMANY.

Application No. 1973/72 filed November 23, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims—No drawings.

A process for the production of 6-APA comprising contacting a penicillin in aqueous solution with penicillin acylase bound covalently to a carrier (by a method as herein described) which is a copolymer of acrylamide, N, N'-methylene bis-acrylamide, and maleic acid, in anhydride form, at pH 6 to 8 and a temperature of 20 to 50 C.

CLASS 172B+D8.

135912.

IMPROVEMENTS RELATING TO OPEN-END SPINNING OF TEXTILE YARNS.

PLATT INTERNATIONAL LIMITED OF HARTFORD WORKS, OLDHAM, LANCASHIRE, ENGLAND.

Application No. 1099/72 filed August 8, 1972.

Convention date August 11, 1971 (37753/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

26 Claims.

A method of open-end spinning of textile yarns in which fibres are fed in discrete manner to an open end spinning zone in which the fibres are formed into a yarn, comprising conveying fibrous material from a feed zone to said spinning zone in a path in which the fibres are subjected to an opening action and in which the opened fibres or the fibres being opened conveyed on an outer surface of an apertured peripheral wall of a rotating roller, suction being applied internally of the roller to remove impurities from the fibres and withdraw the impurities through apertures in the peripheral wall.

OPPOSITION PROCEEDINGS

Opposition entered by Jagmohan Khemani to the grant of a Patent on Application No. 104516 made by Jaggy & Company as notified in the Gazette of India dated the 2nd September 1967 has been dismissed.

PATENTS SEALED

129270	129419	129569	129637	129859	129898	129939	130007
130060	130092	130113	130142	130212	130289	130299	130295
130310	130319	130350	130367	130426	130468	130472	130520
130561	130581	130582	130590	130652	130674	130689	130713
130830	130903	130966	130997	131022	131044	131076	131084
131099	131119	131160	131171	131184	131193	131206	131258
131265	131269	131275	131282	131284	131327	131334	131338
131344	131348	131391	131422	131435	131436	131489	131499
131509	131524	131535	131551	131596	131610	131628	131641
131644	131670	131686	131697	131734	131737	131738	131739
131740	131785	131800	131817	131831	131855	131861	131874
131875	131876	131877	131886	131910	131913	131953	131959
131982	131989	132024	132028	132029	132045	132102	132103
132173	132217	132222	132277	132320	132331	132332	132335
132356	132390	132392	132395	132398	132400	132422	132433
132456	132457	132460	132465	132469	132505	132563	132568
132569	132588	132628	132636	132648	132664	132686	132695
132730	132762	132764	132793	132804	132829	132864	132884
132921	132930	132936	133011	133087	133135	133136	133137
133138	133145	133150	133196	133202	133228	133234	133294
133353	133436	133466	133497	133498	133533	133541	133578
133623	133639	133641	133644	133676	133763	133772	133883
133910	133916	133939	133974	133979	134022	134050	134061
134084	134103	134185	134222	134259	134274	134275	134279
134281	134306	134356	134359	134380	134384	134502	134532
134574	134578	134646	134670	134724	134731	134741	134760
134810	134992	135011	135087	135113	135126	135133	135175
135230	135284	135326	135367	135369	135370	135375	135377
135379	135380	135381	135382	135383	135386	135387	135393
135400	135405	135406	135409	135411	135418		

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970.

(1)

The claim made by Mahadeo Sadashiv Joshi under Section 20(1) of the Patents Act, 1970 for proceeding with the application for Patent No. 131791 in his name jointly with Dr. Kaltepur Subba Rao Rangappa has been allowed.

(2)

The claim made by Dresser Investments N. V. under Section 20(1) of the Patents Act, 1970 to proceed with the application for Patent No. 132518 in their name has been allowed.

AMENDMENT PROCEEDINGS UNDER SECTION 57.

(1)

Notice is hereby given that Biofarma, a French Company, of 4, Rue Dejean, Neuilly-Sur-Seine (Seine), France, have made an application under Section 57 of the Patents Act, 1970 for amendment of application and Specification of their application for Patent No. 77290 for "Novel derivative of piperazine, its preparation and therapeutic composition containing the same". The amendments are by way of deletion of Claim 8 to 10 from the specification and revision of the file of invention in the application and Specification. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office 214 Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the notice.

(2)

Notice is hereby given that Eli Lilly and Company, a corporation organised and existing under the laws of the State of Indiana, United States of America, of 740 South Alabama Street, Indianapolis, Indiana, U.S.A., have made an application under Section 57 of the Patents Act, 1970 for amendment of application and specification of their application for Patent No. 77900 for "Capreomycin and acid addition salts thereof, and process for preparing same". The amendments are by way of correction by deleting claims 7 to 9 from the specification and amending the title of invention in the application and specification. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the notice.

(3)

Notice is hereby given that Sterling Drug Inc, a corporation organised under the laws of the State of Delaware, United States of America, of 1450 Broadway, New York, State of New York, United States of America, Manufacturers, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 79544 for "Preparation of derivatives of 1, 2, 3, 4, 5, hexahydro-2, 6-methano-3-benzazocine". The amendments are by way of deletion of Claim 8 and insertion of fresh Claim 7 and renumbering the Claim 7 on file as Claim 8. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the notice.

(4)

Notice is hereby given that Smith Kline and French Laboratories now re-named Smithkline Corporation, a corporation organized under the laws of the Commonwealth of Pennsylvania, United States of America, of 1500 Spring Garden Street, City of Philadelphia, Commonwealth of Pennsylvania, United States of America, Chemical Manufacturers have made an application under Section 57 of the Patents Act, 1970 for amendment of application, Specification and drawings of their application for Patent No. 107890 for "Improvements in or relating to a process of preparing hypotensive compositions". The amendments are by way of amending the name of the applicants to read as Smithkline Corporation. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the notice.

(5)

Notice is hereby given that Ashland Oil Inc. of 1409 Winchester Avenue, Ashland, Kentucky, United States of America, a Company organised under the laws of the State of Kentucky, United States of America, have made an application under Section 57 of the Patents Act, 1970 for amendment of application and specification of their application for Patent No. 125482 for "Process for preparing improved furan polymers and binder compositions containing said polymers".

The amendments are by way of deletion of claims 14 to 16 from the specification. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the notice.

(6)

Notice is hereby given that Harbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning, of 45, Bruningstrasse, Frankfurt/Main, Federal Republic of Germany, a corporation organised under the laws of the Federal Republic of Germany, have made an application under Section 57 of the Patents Act, 1970 for amendment of application and specification of their application for Patent No. 126902 for "Water-soluble monoazo dyestuffs process for preparing them and process for dyeing, printing or colouring textile materials therewith". The amendments are by way of deletion of claims 1 to 10 from the specification and amendment of the title of invention in the application and specification. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the notice.

(7)

Notice is hereby given that Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning, of 45 Bruningstrasse, Frankfurt/Main, Federal Republic of Germany, a corporation organized under the laws of the Federal Republic of Germany, have made an application under Section 57 of the Patents Act, 1970, for amendment of application and specification of their application for Patent No. 127752 for "New water-insoluble monoazo dyestuffs and process for their preparation". The amendments are by way of deletion of claim 1 and 2 from the specification and revision of the title of invention in the application and specification. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the notice.

(8)

Notice is hereby given that Stamicarbon N. V., a Netherlands Company, of Van der Maesstraat 2, Heerlen, the Netherlands, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 128835 for "Process for the continuous preparation of an aqueous solution containing a hydroxylammonium salt". The amendments are by way of deletion of claim 8 on file. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the notice.

(9)

Notice is hereby given that Snam Progetti S.p.A., an Italian Company of Corso Venezia 16, Milan, Italy, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 128907 for "Process for the production of urea". The amendments are by way of correction and disclaimer by deleting claim 9 on file. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the notice.

(10)

Notice is hereby given that General Mills, Inc., a corporation of the State of Delaware, United States of America, having an office and place of business at 9200 Wayzata Boulevard Minneapolis, Minnesota 55440, United States of America, have made an application under Section 57 of the Patents Act, 1970 for amendment of application and specification of their application for Patent No. 129487 for "Cyclohexyl ether of galactomannan gum and process for preparing the same". The amendments are by way of correction by deletion of claims 11 to 13 from the specification and revision of the title of invention in the application and specification. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-700017 on any working day during usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with notice of opposition, it shall be left within one month from the date of filing the said notice.

(11)

Notice is hereby given that Sandoz Ltd., of Lichtstrasse 35, Basle, Switzerland a Swiss Body corporate, have made an application under Section 57 of the Patents Act, 1970 for amendment of application and specification of their application for Patent No. 129591 for "Novel naphthalimide compounds, their preparation and use". The amendments are by way of correction and disclaimer by deletion of claim 7 from the specification and amendment of the title of invention in the application and specification. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the notice.

(12)

Notice is hereby given that Smith Kline and French Laboratories now re-named Smithkline Corporation, a corporation organized under the laws of the Commonwealth of Pennsylvania or of the United States of America of 1500 Spring Garden Street, City of Philadelphia, Commonwealth of Pennsylvania, United States of America Chemical Manufacturers have made an application under Section 57 of the Patents Act, 1970 for amendment of application, Specification and drawings of their application for Patent No. 130041 for "A process for the preparation of α -aminoalkyl 4-hydroxy-3-ureidobenzyl alcohols". The amendments are by way of amending the name of the applicants to read as Smith Corporation. The application for amendment and the proposed amendments

can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the notice.

(13)

Notice is hereby given that Knapsack Aktiengesellschaft, of Knapsack near Kolin, Federal Republic of Germany, Chemical Manufacturers, a corporation organised under the laws of the Federal Republic of Germany, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 131311 for "Electrolytic production of manganese dioxide in α -modification". The amendments are by way of correction by deletion of claim 8 on file. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the notice.

(14)

Notice is hereby given that Imperial Chemical Industries Limited, manufacturers, of Imperial Chemical House, Millbank, London S.W.1, England, a British Company, have made an application under Section 57 of the Patents Act, 1970 for amendment of application and specification of their application for Patent No. 131926 for "Process for the manufacture of monoazo dyestuffs, process for colouring cellulosic textile materials therewith and the textile materials so dyed". The amendments are by way of disclaimer and correction by deleting claim 3 from the specification. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the notice.

(15)

Notice is hereby given that Karl Fischer Apparate—u. Rührleitungsbau a company organised under the laws of the Federal Republic of Germany, of Holzhauserstr. 159/165 1 Berlin 27, Federal Republic of Germany, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 135793 for "Tube condenser". The amendments are by way of correction so as to describe the invention more correctly and precisely. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the notice.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the

following cases. The number of each case is followed by the names of the parties claiming interests:—

82550 1
 89129
 89107
 80332
 89153
 89511
 89519
 89544
 89733
 90064
 90870
 90997
 91620
 98057
 98102
 99544
 100127
 100752
 101140
 101320
 10-038
 105096
 105-07
 106133
 106224
 106334
 11-74
 11375
 122274
 123374
 123375
 123376
 123377
 123710
 123720
 123721
 123722
 123729
 127049

M/s. Glaverbel-Mecaniver.

106006 — M/s. MWA Company.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No. *Title of the Invention*

120257 (10-3-69) A process for the treatment of oilseed meal particularly groundnuts and groundnut products to destroy aflatoxin to remove the nutty odour and to improve its colour and texture.

121192 (6-5-69) Liquid herbicidal formulations of 1-(3,4-dichlorophenyl)-3-methoxy-3-methylurea and 2-chloro-M-isopropyl acetonilide.

121474 (23-5-69) Process of increasing the output of steel in steel plant.

122306 (16-7-69) Production of thiadiazolyl ureas and herbicidal compositions containing same.

122601 (9-8-68) Process for the manufacture of protein food tufts.

122682 (8-8-69) Improvements in or relating to the process for manufacturing urea phosphate.

122908 (26-8-69) Method of removing chlorine from chlorine containing hydrogen chloride gas stream.

122990 (1-9-69) Improved process for growing algae and apparatus therefor.

123279 (24-9-69) Upgrading of chromite and other ferruginous ores.

123341 (29-9-69) Hydrocarbon separation process.

123819 (31-10-69) Process for the oxidation of olefins.

No.	<i>Title of the Invention</i>
125078 (12-12-69)	Process for the preparation of trichloromethane sulphenyl chloride.
126109 (24-3-69)	Process for preparing acrylomide derivatives, the derivatives so prepared and biocidally active compositions containing the same.

RENEWAL FEES PAID

68257	68347	68425	68471	68502	68512	68549	68564	68598
68620	68707	68727	68847	68903	69632	70083	71181	72473
72538	72556	72615	72616	72622	72624	72641	72717	72739
72793	72794	72831	72840	72890	73000	73122	73201	73249
73262	73264	73282	73380	73381	73382	73453	73485	75731
77303	77389	77401	77474	77535	77566	77574	77594	77598
77599	77733	77746	77765	77786	77804	77880	78352	78378
78379	78484	78588	78708	78766	78767	79290	79893	80597
82240	83009	83010	83025	83064	83089	83111	83136	83169
83195	83200	83232	83323	83335	83483	83501	83502	83503
83528	83546	83580	83604	83612	83622	83676	83686	83777
83810	83858	83908	84129	84256	84464	85123	85475	86108
88506	88592	88622	88649	88686	88710	88719	88747	88787
88795	88816	88817	88822	88825	88828	88840	88902	88918
88938	88967	89003	88024	89025	89087	89137	89142	89179
89237	89333	89370	89401	89403	89405	89566	89567	89710
89871	89880	89892	89893	89999	90072	90080	90091	90665
91275	94045	94262	94305	94332	94580	94588	94612	94613
94617	94635	94657	94661	94695	94750	94782	94805	94828
94851	94876	94891	94900	94902	94918	94937	94942	94959
94998	95064	95065	95148	95177	95260	95374	95382	95454
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100330	100332	100441	100470	100480	100482	100496	100523	
100583	100599	100612	100662	100665	100685	100701	100703	
100733	100734	100738	100743	100758	100761	100803	100804	
100810	100828	100863	100878	100922	100923	100928	101024	
101025	101166	101181	101182	101194	101245	101301	101327	
101385	101453	101495	101536	101749	101756	101757	101779	
101784	102000	102574	104506	105525	105696	105966	105987	
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106109	106118	106158	106164	106176	106178	106211	106227	
106228	106229	106237	106266	106282	106300	106310	106330	
106336	106351	106365	106393	106394	106501	106575	106618	
106641	106654	106719	106745	106773	106785	106958	106994	
107007	107008	107214	107262	107479	107866	108370	110945	
110998	111151	111320	111332	111340	111370	111380	111388	
111402	111429	111453	111459	111461	111480	111489	111508	
111509	111515	111523	111524	111548	111549	111550	111612	
111643	111658	111668	111670	111677	111684	111698	111732	
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111811	111824	111865	111872	111895	111915	111933	111962	
111983	112010	112016	112071	112090	112094	112164	112166	
112174	112228	112282	112289	112342	112405	112408	112439	
112446	112466	112533	112578	112907	113737	114246	114614	
114997	115117	115376	116223	116437	116535	116567	116582	
116597	116612	116627	116629	116640	116650	116660	116667	
116669	116694	116720	116728	116733	116750	116751	116752	
166755	116763	116777	116786	116790	116797	116822	116835	
116845	116847	116870	116912	116918	116930	116980		
116994	117003	117008	117016	117024	117032	117060	117132	
117133	117134	117135	117163	117164	117187	117234	117252	
117254	117266	117286	117328	117345	117353	117364	117450	
117454	117455	117456	117469	117470	117471	117501	117542	
117693	117614	117619	117795	118485	118864	119985	120560	
120751	121906	121969	121995	122015	122016	122036	122071	
122080	122105	122109	122111	122113	122125	122147	122148	
122154	122155	122163	122182	122207	122233	122234	122238	
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122679	122774	122793	122823	122838	122846	122851	122869	
122874	122893	122894	122901	122948	122952	122958	122964	
122990	123016	123033	123068	123086	123190	123252	123263	
123267	123631	124161	124607	125291	125778	125865	126097	
126019	126065	126121	126318	126370	126465	126588	126595	
126856	126927	127078	127237	127238	127301	127346	127352	
127354	127355	127358	127393	127395	127415	127416	127436	
127451	127462	127464	127471	127472	127501	127551	127568	
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127653	127672	127715	127721	127722	127761	127785	127787	
127840	127841	127869	127973	127988	127989	127990	127991	
127992	128045	128055	128096	128097	128098	128127	128134	
128149	128150	128151	128184	128193	128195	128219	128221	
128256	128303	128337	128350	128435	128454	128465	128497	
128509	128610	128621	128664	128710	128726	128730	128734	
128831	128839	128908	128948	128967	128999	129100	129113	

129142 129146 129239 129263 129336 129358 129372 129415
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 129702 129834 129869 130071 130099 130128 130137 130157
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 132005 132076 132090 132105 132157 132158 132174 132197
 132262 132283 132302 132312 132386 132387 122388 132389
 132394 132459 132480 132513 132566 132688 132725 132794
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 133361 133429 133453 134212 134594 134721 134730 134910
 134920 135364 135392 135394

CESSATION OF PATENTS

98231 98235 98280 98285 98287 98288 98324 98353 98364
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 100265 100269 100305 100333 100390 100442 100494 100505
 100564 100572 100586 100587 100590 100606 100613 100629
 100649 100659 100692 100699 100706 100707 100710 100714
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 101199 101219 101275 101278 101293 101307 101322 101328
 101362 101372 101397 101409 101410 101466 101482 101492
 101513 101559 101568 101575 101625 101675 101747 101755
 101870 101883 101884 101909 101928 101943 101983 102094
 102133 102136 105986 119715 120537 124233 124254 125005
 125105 128810 128813

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 97126 granted to Hammon Precision Equipment Company for an invention relating to "Gas torches." The patent ceased on the 21st December, 1968 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated 7th April, 1973.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 13th September, 1974 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 97810 granted to Satishchandra Dahyabhai Patel for an invention relating to "device for raising or lowering the plough drawn by a tractor." The patent ceased on the 8th February 1974 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 29th June, 1974.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 13th September 1974 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 116944 granted to Satishchandra Dahyabhai Patel for an invention relating to "a pump with means for dea-

ching" coupling same to a tractor." The patent ceased on the 24th July, 1973 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 5th January 1974.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 13th September 1974 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 117478 granted to Joseph Lucas (Industries) Limited for an invention relating to "Battery charging systems." The patent ceased on the 28th August, 1973 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 5th January, 1974.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 13th September 1974 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 141631. Shripad Anant Puranik, V. R. College of Engg., Nagpur 11 (Maharashtra), India. "An adapter or cap for electric lamps", March 1, 1974.

Class 1. No. 141700. Ambassador Industries, 13, Beedaspura, Karol Bagh, New Delhi 5, an Indian partnership concern. "Water Pumps", February 25, 1974.

Class 1. No. 141757. Anand Kumar Sood (Indian) S/o Late Harbilas Rai Sood, of C-187, Industrial Area, Phase-I, Narajna, New Delhi, "Bag closer", March 14, 1974.

Class 1. No. 141807. Union Carbide India Limited, an Indian Company, 1 Middleton Street, Calcutta-700 016, West Bengal, India, "Table Lamp", April 6, 1974.

Class 3. No. 141614. Madhukar Ganpat Herekar 1422, Kasba Peth Maharashtra State, Poona-11, Indian. "Toy", January 21, 1974.

Class 3. No. 141632. Shripad Anant Puranik, V. R. College of Engg., Nagpur-440011 (Maharashtra) India, "An adapter or cap for electric lamps", March 1, 1974.

Class 3. No. 141705. Sohrab Jimmy Lawyer, an Indian Citizen, 16 Horniman Circle, Fort, Bombay-400 001, Maharashtra, India. "Magnifier", March 2, 1974.

Class 3. No. 141718. Venus Nib Company (an Indian Partnership Firm), Janta Market, L.B.S. Marg, Bhandup, Bombay-78, Maharashtra State, India, "Container", March 3, 1974.

Class 3. No. 141743. Rameshchandra Kalidas Patel, Indian national, at 3 Garden Terrace, 11th Road, Santa Cruz (East), Bombay 400055, State of Maharashtra, India, "Container", March 11, 1974.

Class 3. No. 141756. Discon Sales Private Limited (a private limited company incorporated under the Indian Companies Act), 7, Bishop Wallers Avenue, Mylapore, Madras-1, Tamil Nadu India, "Toy", March 13, 1974.

Class 3. No. 141808. Union Carbide India Limited, an Indian Company, 1 Middleton Street, Calcutta-700 016, West Bengal, India, "Table Lamp", April 6, 1974.

Class 3. Nos. 141824 & 141825. Swastik Art Industries, an Indian Partnership firm of P.O. Box 7615, Ram Baug S.V. Road, Malad, Bombay-400 064, Maharashtra, India, "Idol", April 16, 1974.

Class 3. No. 141826. Swastik Art Industries, an Indian Partnership Firm of P.O. Box 7615. Ram Baug S.V. Road Malad, Bombay-400 064, Maharashtra, India, "Photo frame", April 16, 1974.

Class 4. No. 141633. Shripad Anant Puranik, V. R. College of Engg., Nagpur-440011 (M.S.) India, "An adapter or cap for electric lamp", March 1, 1974.

Class 4. No. 141809. Union Carbide India Limited, an Indian company, 1, Middleton Street, Calcutta-700 016, West Bengal, India, "Table lamp", April 6, 1974.

Class 10. No. 141841. Bata India Limited, a limited company incorporated under the Indian Companies Act, at 30 Shakespeare Sarani in the town of Calcutta, West Bengal, "Footwear" April 19, 1974.

S. VEDARAMAN,
*Controller-General of Patents,
Designs & Trade Marks.*

